

REMARKS

Applicants appreciate the Examiner's thorough review of the present application, and respectfully request reconsideration in light of the preceding amendments and the following remarks.

Claims 1-14 are pending in the application. The original claims have been amended to improve claim language, solely for the purpose of expediting prosecution. The Abstract has been placed in compliance with commonly accepted US patent practice. No new matter has been introduced through the foregoing amendments.

The art rejections of original claims 1-14 are noted. Basically, with respect to claims 1 and 14, the Examiner alleged that *Kupiec* discloses extracting unstructured information, whereas *Saito* discloses extracting structured information and constructing a knowledge base using templates and associated attributes. The Examiner further alleged that *Tan* discloses features related to the structured information extraction of claims 2-6, and that *Paik/McCarley* together teach the unstructured information extraction of claims 7-13. Applicants have carefully reviewed the applied references, and respectfully disagree with the Examiner's position.

Specifically, none of the references appear to teach or suggest that each entry of the encyclopedia includes both structured information (e.g., summary) and unstructured information (e.g., body). The references, e.g., *Kupiec* at column 9 lines 5-10 and *Saito* at FIG. 5, box 207, deal with unstructured, natural language information only. There is no disclosure of summary/structured information in the applied references. Therefore, the claims as filed are patentable over the art.

Notwithstanding that above and solely for the purpose of expediting prosecution, Applicants have amended the claims to avoid the Examiner's rejections. Specifically, independent claim 1 now additionally calls for automatic extraction of both structured information and unstructured information. In *Saito*, the extraction process requires user intervention, and hence is

not automatic, as disclosed at paragraph 0006 line 8, and paragraph 0007 lines 8-10. The deficiency of *Saito* is not deemed curable by the other teaching references, and therefore independent claim 1 is patentable over the applied art of record.

The dependent claims are considered patentable at least for the reasons advanced with respect to independent claim 1.

Each of the Examiner's rejections has been traversed/overcome. Accordingly, Applicants respectfully submit that all claims are now in condition for allowance. Early and favorable indication of allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,
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